File #	Original File Name
1	PAC2001_SLPK_JRB_PM25_TEOM_20010812D20_V1.csv

Data Exchange Standard Version	Principal Investigator Name--last first	Principal Investigator Affiliation	File Contents Description--short long	Sampling Interval As Reported in Main Table	Sampling Frequency Of Data in Main Table	Quality Control Level	Organization Acronym	Organization Name	Data Usage Acknowledgement	Study Or Network Acronym	Study Or Network Name	Country Code	State Or Province Code
NARSTO 2001/10/31 (2.213)	Brook ; Dr. Jeff	Meteorological Service of Canada, Environment Canada	PM2.5 ; PM2.5 data reported from TEOM	1 minute	Same as sampling interval	1	ENVCAN	Environment Canada	Meteorological Service of Canada, Environment Canada; 4905 Dufferin St.; Toronto, Ont., M3H 5T4; Canada	PAC2001	Pacific 2001	CA (CANADA)	BC

Principal Investigator Contact Information	Co-investigator Name--last first	Co-investigator Affiliation	Name And Affiliation Of Person Who Generated This File	Date Of Last Modification To Data In Main Table	Name And Version Of Software Used To Create This File	Companion File Name format And Version	Date This File Generated archive Version Number	Table Explanation Of Zero Or Negative Values
Dr. Jeff Brook; MSC Environment Canada; 4905 Dufferin St.; Toronto, Ont, M3H 5T4;Canada; 416-739-4916	Gang ; Lu	Meteorological Service of Canada, Environment Canada	Gang Lu, MSC Environment Canada	2002/04/05	MS Excel 2000	None ; 0	2004/09/22 ; 1	Negative may indicating possible loss of material from filter; Zero mostly indicate instrument mulfunction or warming up.

Table Explanation Of Reported Detection Limit Values	Table Explanation Of Reported Uncertainty	Table User Note	Table User Note2	Table User Note3	Table User Note4	Table Name	Table Focus
5 ug/m3 The manufacture of the instrument did not give detection limit value. Rather it only pointed out the instrument can work from below 5 ug/m3 and up. Also, it is known that the manufacture has put in a 3 ug/m3 offset to the output data and this offset was not substracted from the data shown in this table. What we did here is to use the 5 ug/m3 as the detection limit. Any value between 5-3 were marked as V2 ans between 3-0 were marked as V1. Zero and negative were marked as M1 formissing or M2 as invalid data						PM2.5	Surface--fixed

Site Information

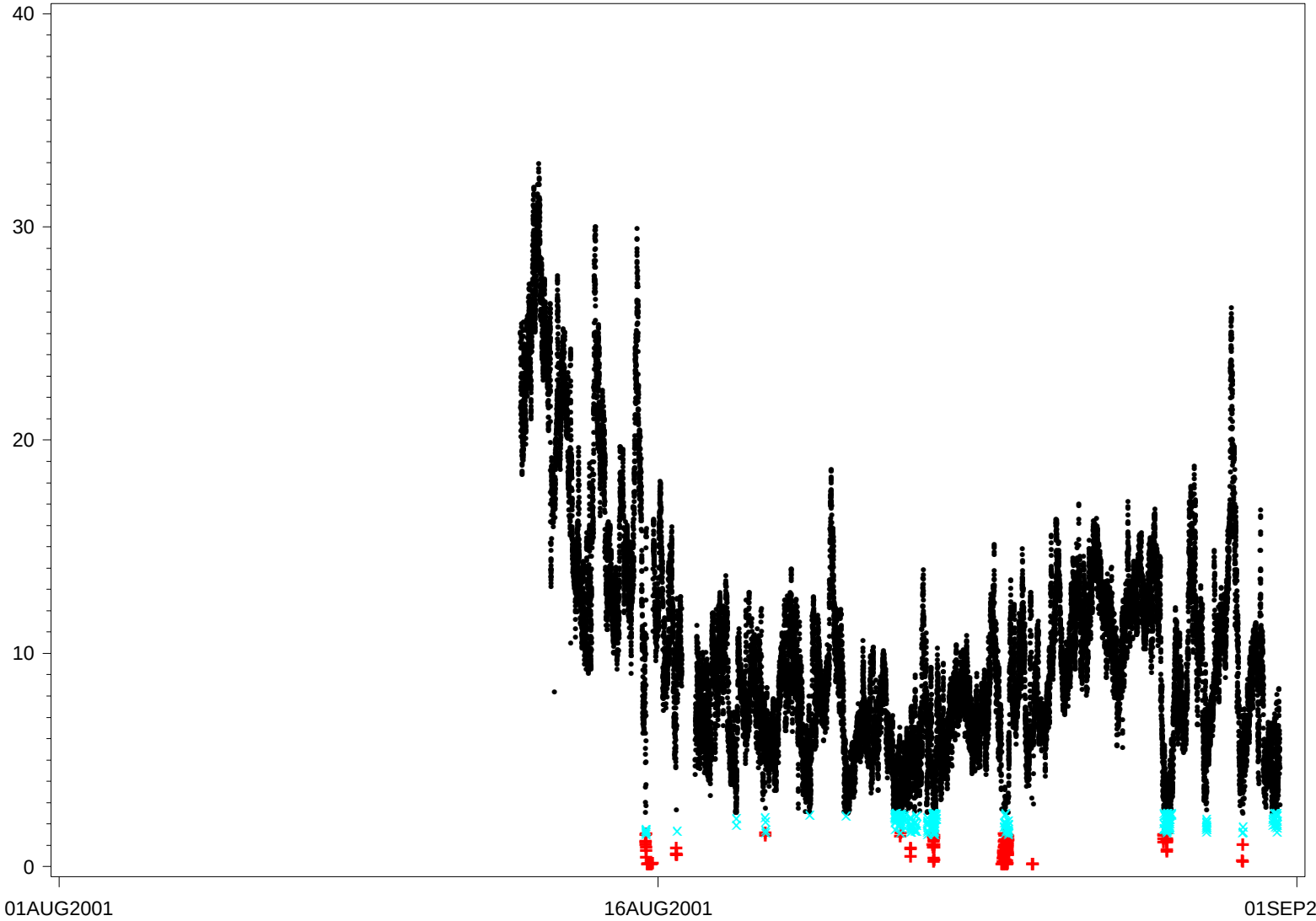
Site ID	Name	State Province code	Latitude: decimal degree	Longitude: decimal degree	Sampling height above ground (m)	Ground elevation above sea level (m)	Site land use	Site location setting	Measurement start date	Measurement end date	Co-incident measurements	Study site ID	Lat lon accuracy
PC01CABCSLPK	Slocan Park in Vancouver	BC	49.23417	-123.04750	5	92	Recreation	Urban	2001/08/10	2001/09/01			.

Flag: NARSTO	Description
H1	Historical data that have not been assessed or validated
M1	Missing value because no value is available
M2	Missing value because invalidated by data originator
V0	Valid value
V1	Valid value but comprised wholly or partially of below detection limit data
V2	Valid estimated value
V3	Valid interpolated value
V4	Valid value despite failing to meet some QC or statistical criteria
V5	Valid value but qualified because of possible contamination (e.g., pollution source, laboratory contamination source)
V6	Valid value but qualified due to non-standard sampling conditions (e.g., instrument malfunction, sample handling)
V7	Valid value but set equal to the detection limit (DL) because the measured value was below the DL

NAtChem Time Series Plot **21MAR2005**

Site ID: **PC01CABCSLPK** Variable name: **PM2.5: mass** Units: **µg/m3** Basis: **Temp 30 C** Sampling interval: **1 minute**
Sampling frequency: **Same as sampling interval** Observation type: **Particles** Particle diameter--lower bound (UM): **Undetermined**
Particle diameter--upper bound (UM): **2.5** Particle diameter--median (UM): **Undetermined** Field sampling or measurement principle: **TEOM**
Medium: **Teflon-coated quartz** Inlet type: **Cyclone** Sampling humidity or temperature control: **Temperature conditioning at 30 deg. C**
Blank Correction: **Blank corrected** Volume standardization: **25 deg. C; 1 atmosphere** Sampling Height above ground (m): **5**
Instrument name and model number: **TEOM 1400ab + SES** Measurement principal investigator: **Dr. Jeff Brook**

Site Name:**Slocan Park in Vancouver, British Columbia** Latitude:**49.23417 deg.** Longitude:**-123.0475 deg.** Start Date:**2001-08-10** End Date:**2001-09-01**



Statistics
Number of obs: **27,387**
Number of missing: **1,041**
Minimum: **0.01**
25th Percentile: **6.46**
Median: **9.15**
Mean: **10.241**
75th Percentile: **12.49**
Maximum: **32.96**
Stnd Dev.: **5.428**

NARSTO Flags

Flag	Symbol	Count
M1:		**134**
M2:		**907**
V0:	●	**25,971**
V1:	+	**148**
V2:	×	**227**

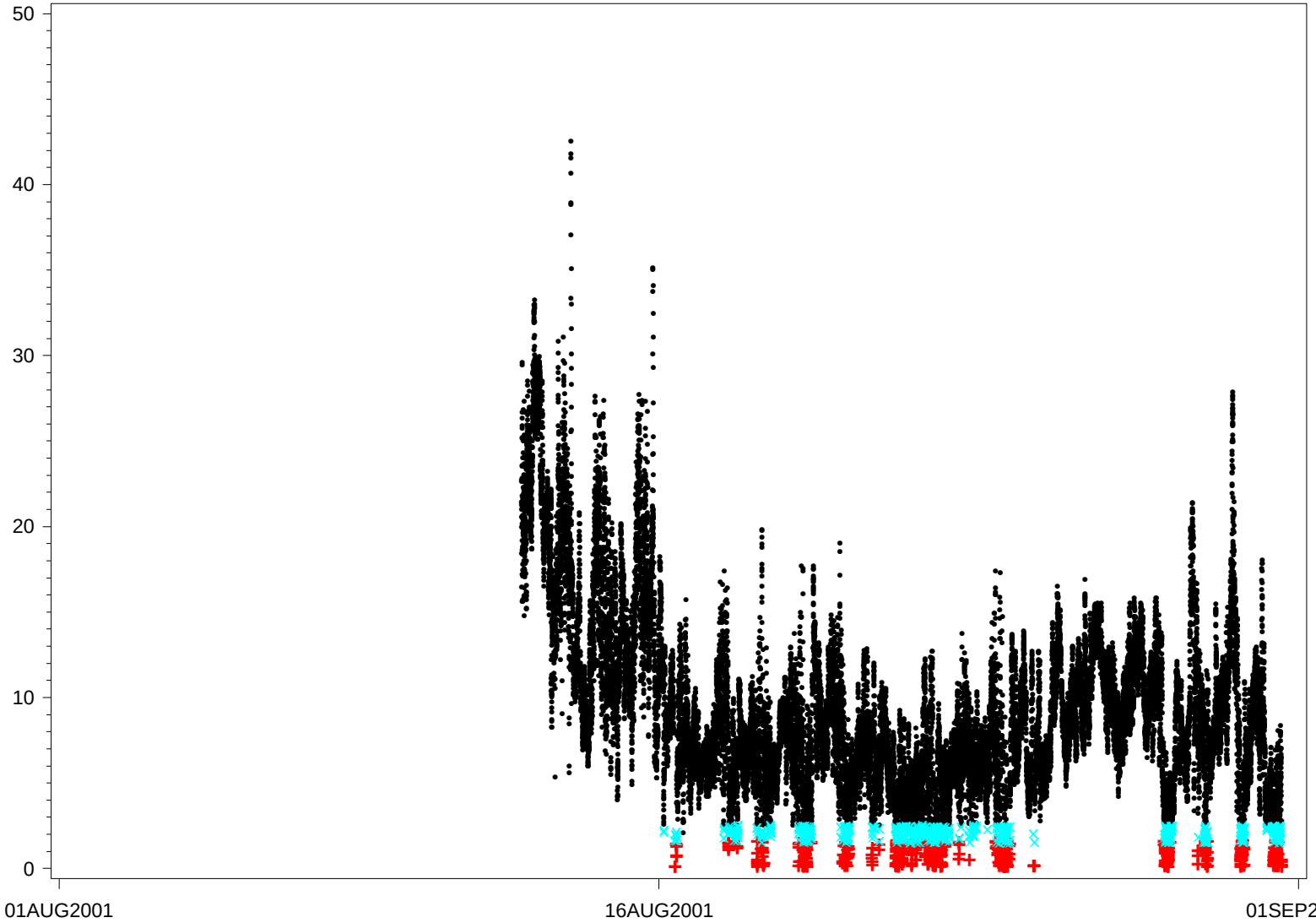
Time Zone: PDT

NAtChem Time Series Plot

21MAR2005

Site ID: **PC01CABCSLPK** Variable name: **PM2.5: mass** Units: **µg/m3** Basis: **Temp 40 C** Sampling interval: **1 minute**
Sampling frequency: **Same as sampling interval** Observation type: **Particles** Particle diameter--lower bound (UM): **Undetermined**
Particle diameter--upper bound (UM): **2.5** Particle diameter--median (UM): **Undetermined** Field sampling or measurement principle: **TEOM**
Medium: **Teflon-coated quartz** Inlet type: **Cyclone** Sampling humidity or temperature control: **Temperature conditioning at 40 deg. C**
Blank Correction: **Blank corrected** Volume standardization: **25 deg. C; 1 atmosphere** Sampling Height above ground (m): **5**
Instrument name and model number: **TEOM 1400ab** Measurement principal investigator: **Dr. Jeff Brook**

Site Name:**Slocan Park in Vancouver, British Columbia** Latitude:**49.23417 deg.** Longitude:**-123.0475 deg.** Start Date:**2001-08-10** End Date:**2001-09-01**



Statistics

Number of obs: **27,387**
Number of missing: **743**
Minimum: **0.01**
25th Percentile: **5.9**
Median: **8.27**
Mean: **9.335**
75th Percentile: **11.5**
Maximum: **42.53**
Stnd Dev.: **5.231**

NARSTO Flags

Flag	Symbol	Count
M1:		**147**
M2:		**596**
V0:	●	**25,586**
V1:	+	**530**
V2:	×	**528**

Time Zone: PDT